

The duration of each packet is 2.56ms. Sending 24 packets per second, we are on for 61.44ms per second, which averages out to 6.14ms per 100ms. The worst case for a single measurement of a 100ms period is a period containing 3 full packets, in which case we transmit for 7.68ms per 100ms. Packets are evenly spaced. Over a period of 21 seconds we spend an equal amount of time on each of 63 channels.

Actual Duty Cycle Correction Factor would be:

$$\text{DCCF} = 20 * \text{Log}(7.7\text{ms}/100\text{ms})$$

$$= -22.2 \text{ dB}$$